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Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire Newfrey LLC	

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☒ abstract

☒ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract: 2

REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
E	WO 03 059550 A (SOLFRONK ANTONIN ;MS VERWALTUNGS UND PATENTGMBH (DE)) 24 July 2003 (2003-07-24) * page 9, line 11 - page 10, line 7 * * page 6, line 11-15; figure 2 * ----	1-7,10, 11,14, 15,18-22	B21J15/28 B21J15/06
X,P	DE 202 10 840 U (MS VERWALTUNGS UND PATENTGMBH) 28 May 2003 (2003-05-28) * page 7, line 25 - page 8, line 22; figure 2 * ----	1-7,10, 11,14, 15,18-22	
X,D	EP 0 738 551 A (EMHART INC) 23 October 1996 (1996-10-23) * page 4, line 51-53 * ----	14-20,22	
A	EP 0 995 518 A (EMHART INC) 26 April 2000 (2000-04-26) * paragraphs '0034!,'0038!-'0040!; claims 1,4,5,7,9-11; figure 27 * ----	1,14,16	
A	EP 0 594 333 A (EMHART INC) 27 April 1994 (1994-04-27) * column 2, line 48-55; figure 2 * ----	1,14	TECHNICAL FIELDS SEARCHED (Int.Cl.7) B21J
A	DE 44 01 155 A (INFERT GMBH) 27 July 1995 (1995-07-27) * the whole document * ----	1,14	
A	DE 37 15 905 A (MASCH UND WERKZEUGBAU D FRIEDR) 1 December 1988 (1988-12-01) * column 2, line 41-49 * -----		
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 19 December 2003	Examiner Augé, M
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 03 01 5940

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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19-12-2003

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
WO 03059550	A	24-07-2003	DE	10248298 A1	31-07-2003
			DE	10248299 A1	31-07-2003
			DE	20210840 U1	28-05-2003
			WO	03059550 A1	24-07-2003
			WO	03059551 A1	24-07-2003
DE 20210840	U	28-05-2003	DE	20210840 U1	28-05-2003
			DE	10248298 A1	31-07-2003
			DE	10248299 A1	31-07-2003
			WO	03059550 A1	24-07-2003
			WO	03059551 A1	24-07-2003
EP 0738551	A	23-10-1996	US	5661887 A	02-09-1997
			DE	69618062 D1	31-01-2002
			DE	69618062 T2	11-07-2002
			EP	0738551 A2	23-10-1996
			JP	8294740 A	12-11-1996
EP 0995518	A	26-04-2000	US	6240613 B1	05-06-2001
			AT	240803 T	15-06-2003
			DE	69908067 D1	26-06-2003
			EP	0995517 A2	26-04-2000
			EP	1010483 A2	21-06-2000
			EP	0995518 A2	26-04-2000
			EP	0995519 A2	26-04-2000
			EP	0995520 A2	26-04-2000
			JP	2000153334 A	06-06-2000
			JP	2000126841 A	09-05-2000
			JP	2000126843 A	09-05-2000
			JP	2000126844 A	09-05-2000
			JP	2000126842 A	09-05-2000
			US	6125680 A	03-10-2000
			US	6347449 B1	19-02-2002
			US	6079604 A	27-06-2000
			US	6256854 B1	10-07-2001
EP 0594333	A	27-04-1994	US	5323946 A	28-06-1994
			EP	0594333 A1	27-04-1994
			JP	6190489 A	12-07-1994
DE 4401155	A	27-07-1995	DE	4401155 A1	27-07-1995
DE 3715905	A	01-12-1988	DE	3715905 A1	01-12-1988
			DE	8718049 U1	28-01-1993